

Texas Air National Guard
Air Active Guard Reserve (AGR) Vacancy

Announcement Number: **AGR-18-140**

Open Period: **07 February 2018 2018 – 08 March 2018**

Open Areas of Consideration: **Nationwide**

This vacancy announcement is open to participating members of the Texas Air National Guard and those eligible for immediate transfer to the Texas Air National Guard.

Appointment Factors: **Open to SrA/E-4 NTE TSgt/E-6**

Qualification Requirements:

- **Trainees Not Accepted / Required AFSC: 3D153 OR 3D152 (MUST HOLD)**
- Knowledge of electricity and radio theory, including transistors, solid-state components, and digital techniques applying to ground RF communications and related equipment maintenance; and interpretation of management information data, technical orders, blueprints, wiring diagrams, and schematic drawings is mandatory.
- **Experience with Communications Support of Air-to-Ground Weapons Operations and/or Air-to-Ground Bombing & Gunnery Range experience is preferred. Position requires 4+ hours daily travel in GOV to/from remote location for duty in field conditions.**
- **Applicants must possess 5-skill level at minimum**

Position Information:

Title: RF Transmission Systems

Grade: TSgt/E-6

DAFSC: 3D173

Position #/s: (0148) 0106520434

Unit/Duty Location: 149 DET 1, Kelly Field, San Antonio, TX

Funding Availability: AGR Funded effective 1-Apr-18

Concurrently Advertised: N/A

SUMMARY

Specialty Summary. Deploys, sustains, troubleshoots and repairs standard radio frequency wireless, line-of-sight, beyond line-of sight, wideband, and ground-based satellite and encryption transmission devices in a fixed and deployed environment. Included are multiple waveform systems operating across the spectrum, keying and signal devices; telemetry, and instrumentation systems. Establishes and maintains circuits, configures and manages system and network connectivity. Manages organizational LMR device accounts.

Duties and Responsibilities:

- Performs/supervises wireless radio and satellite systems and equipment maintenance activities. Oversees work in progress and reviews completed repairs for sound maintenance practices. Establishes requirements for maintenance equipment, support equipment, tools, and spare parts. Requisitions, accounts for, and turns in supplies and material. Interprets inspection findings and determines adequacy of corrective action. Reviews and ensures compliance with maintenance management publications and procedures. Identifies maintenance problem areas and recommends corrective action. Recommends methods to improve equipment performance and maintenance procedures. Evaluates justification and practicability of proposed modifications. Develops and enforces safety standards for ground RF system maintenance activities.
- Inspects wireless radio/satellite communications activities. Determines equipment operational status. Serves on teams to evaluate transmission systems activities. Interprets inspection findings submitted by other inspecting activities, and initiates corrective action. Determines adequacy of corrective action. Checks installed and repaired components for compliance with technical publications.
- Resolves installation, repair, overhaul, and modification problems associated with communications equipment. Employs orbiting communication satellite, line-of-sight, and tropospheric scatter techniques. Installs, maintains, reconstitutes, removes, and modifies coaxial cabling, waveguide and antenna systems. Conducts tests to restore and maintain systems. Uses anti-jam equipment and techniques to neutralize effects of communication jamming. Uses layout drawings, schematics, and pictorial diagrams to solve maintenance problems. Analyzes construction and operating characteristics of equipment to determine source of malfunction. Performs intricate alignment and calibration procedures to ensure maximum operating efficiency. Determines repair procedures necessary to correct defective equipment.
- Installs ground radio, satellite, and telemetry communications equipment. Consults layout drawings to ensure equipment is properly positioned. Checks equipment for serviceability prior to installation. Assembles, connects, secures, and interconnects components such as transmitters, power supplies, and

antenna assemblies. Tests installed equipment for proper assembly of components and compliance with technical orders. Places in operation and tunes, adjusts, and aligns components to obtain maximum operating efficiency. Identifies and locates Radio Frequency interference sources.

- Deploys and activates mobile and transportable transmission equipment. Refers to plans and equipment specifications to conduct site and equipment surveys, and establishes equipment systems interface. Unpacks, inspects, and positions communications equipment; erects antennas; and interconnects communications facilities.
- Performs preventive maintenance on communications systems and related equipment. Inspects equipment at specified intervals to determine operational status. Replaces defective components. Performs operational checks. Updates maintenance data collection records and systems to document actions completed.
- Repairs, overhauls, and modifies communications and related equipment. Isolates malfunctions using system checking procedures, required test equipment, analyzing voltage and waveform measurements, schematic diagrams, and equipment operating characteristics. Repairs equipment, including transmitters, receivers, transceivers, and related equipment. Tunes and adjusts components. Adjusts, aligns, and calibrates equipment for maximum operating efficiency. Fabricates and connects various types of antenna systems and transmission lines. Understands antenna fundamentals, including antenna theory and principles of rotators, amplifiers and control cables. Tests repaired components using bench mockups and related test equipment.
- Maintains inspection and maintenance records to include organizational device accounts. Posts entries on maintenance and inspection records. Records meter readings and other pertinent data in equipment logs. Completes maintenance data collection forms.
- As part of the Cyberspace Support career field family, manages, supervises, and performs planning and implementation activities. Manages implementation and project installation and ensures architecture, configuration, and integration conformity. Develops, plans, and integrates base communications systems. Serves as advisor at meetings for facility design, military construction programs and minor construction planning. Evaluates base comprehensive plan and civil engineering projects. Monitors status cyber or communications-related base civil engineer work requests. Performs mission review with customers. Controls, manages, and monitors project milestones and funding from inception to completion. Determines adequacy and correctness of project packages and amendments. Monitors project status and completion actions. Manages and maintains system installation records, files, and indexes. Evaluates contracts, wartime, support, contingency and exercise plans to determine impact on manpower, equipment, and systems.

CONDITIONS OF EMPLOYMENT

1. AGR applicants should be able to attain 20 years TAFMS in the AGR career program. Waiver authority of this requirement is The Adjutant General. Individuals selected for AGR tours that cannot attain 20 years of active federal service prior to reaching mandatory separation, must complete the Statement of Understanding. The HRO will maintain the completed and signed Statement of Understanding.
2. It is not the intent of the AGR program to bring non-career applicants into the sanctuary zone [18 to 20 years Total Active Federal Military Service (TAFMS)]. Anyone whose order [AD or FTNGD orders (other than training)] places them at 18 years or more TAFMS will require a signed and approved sanctuary waiver IAW AFI 36-2131, Administration of Sanctuary in the Air Reserve Components.
3. To accept an AGR position, an applicant's military grade cannot exceed the maximum military authorized grade on the UMD for the AGR position.
4. To be accessed in the AGR program, an individual must not have been previously separated for cause from active duty or a previous Reserve Component AGR tour.

INSTRUCTIONS FOR APPLYING: Incomplete/expired paperwork will **NOT** be considered

1. **Required: NGB Form 34-1, Application for Active Guard/Reserve (AGR) Position, dated 11NOV2013; previous versions are obsolete. Announcement number & position title must be annotated on the form. (i.e. "AGR-18-XX")**
2. **Required: Current Report of Individual Person (RIP), within the last 90 days.** For AF/ANG, you can obtain your Records Review RIP from your FSS/CSS or go to <https://w45.afpc.randolph.af.mil/AFPCSecureNet40/CheckPortal.aspx> (RIP must show your ASVAB scores and awarded AFSCs). RIPs must be no more than 30 calendar days old.
3. **Required: Current Report of Individual Fitness Assessment, within the last 12 months.** Selectee must meet the minimum requirements for each fitness component in addition to an overall composite of 75 or higher for entry into the AGR program. **For members with a documented DLC prohibiting them from performing one or more components of the Fitness Assessment, an overall "Pass" rating is required.
4. **Required, if applicable:** A signed memo to willingly take a demotion; for enlisted members, higher ranking to the appointment factors.

5. **Optional:** DD214s, EPRs/OPRs, Resume, letters of recommendation
6. **Optional:** Current Preventative Health Assessment (PHA)/physical qualification status:
 - Individuals selected for AGR tours must meet the Preventative Health Assessment (PHA)/physical qualifications outlined in AFI 48-123, *Medical Examination and Standards*. They must also be current in all Individual Medical Readiness (IMR) requirements to include immunizations. RCPHA/PHA and dental must be conducted not more than 12 months prior to entry on AGR duty and an HIV test must be completed not more than six months prior to the start date of the AGR tour. Individuals transferring from Title 10 (Regular Air Force or Reserve Component Title 10 Statutory Tour) are not required to have a new physical unless the previous physical is over 12 months old at time of entry into AGR status.
 - Individuals on a DD Form 469, *Duty Limiting Condition Report* at the time of AGR physical package evaluation will not be deemed medically qualified. Individuals may apply for AGR tours as long as meet the aforementioned requirement and subsequently are medically cleared off any DLC/medical profile prior to starting a new AGR tour. An initial AGR order will not be published prior to ensuring the selected applicant is off any duty limitations before starting their AGR tour.

SUBMISSION OF APPLICATION

Applications must arrive at the HRO Applications Inbox at the following e-mail address: nq.tx.txarng.list.hro-agr-air@mail.mil **no later than 2359 Central Time** on the closeout date of the job announcement. Applications must be complete upon initial submission in one single PDF package, emailed with the proper naming convention of Last Name-Announcement number (i.e. Last Name-AGR-18-XX) in the subject line. Applications submitted in pieces and/or without the announcement number and position title on the NGB 34-1 will not be accepted and will be automatically disqualified.

Encrypt emails for your protection. For unencrypted emails, redact Personal Identifiable Information (PII); *such as SSN, DOB, home/mailling address, height, weight, Body Mass Index, marital status, number of dependents, religious preference.* Copies of official transcripts will be accepted (see if required per the announcement). If selected for the job announcement, official transcripts will be required at a later date. Incomplete packages, packages not meeting mandatory requirements, or packages received after the close out date, as indicated on the job announcement, will **NOT** be considered.

Applications will be reviewed after the close out date. Disqualification notifications will be emailed to applicable applicants NLT 10 days after the announcement close date. **If you need to update a previously submitted package,** and it is before the closeout date, you must send a new complete package with the updated information. Sending only the updates will disqualify your package, as incomplete packages are not accepted. It will need to be named, in the subject line, as Update Last Name-Announcement number in the following format (i.e. "Update Last Name-AGR-18-XX")

REMARKS

All notifications of selection are conditional until verification of security clearance, medical clearance, and HRO approval.

The Texas National Guard is an Equal Opportunity Employer.